

DOCTOR LIFE[®] Health care

CE ISO 9001 / EN 13485 FDA  KGMF
0499

SFDA KGMF LIFE LIFE2002M  Registered No : 0460645
Utility Model No : 0156589

CODE 28450 USER MANUAL







Indication: This manual is for user's safety and preventing any property-loss. Before using our device, please inevitably read this user manual.

Many thanks for using our device.

For safe using our device

- Before using our device, please precisely read the manual.
- Keep this manual near to the device for easily reading it.
- This manual presents the details to be kept by users for preventing any danger or property-loss and for safe using the device.

Guidance for indication

 Warning	Death or serious wound can be happened if users don't follow the instruction.
 Caution	Wound or property-loss can be happened in case of disregarding the instruction.
	Instruction to be surely observed.
 Prohibition	Instruction to be prohibited.
 Prohibition of disjoining	Don't disjoint the device.

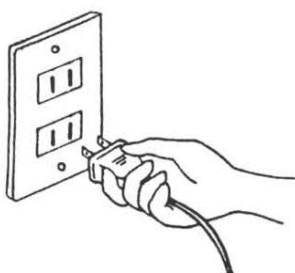


Electrical Safety

This device is for domestic use only.
Please use a suitable AC cord for each
country.
(Fire accidents and electric shocks possible)



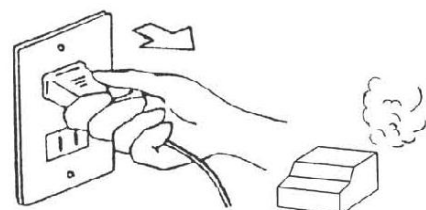
Prohibition



Stop using the device in case of smelling
during using the device. In this case, turn
off the electric power and pull out plug from
outlet., and then inform it to service center.
(Fire accidents & electric shocks possible)



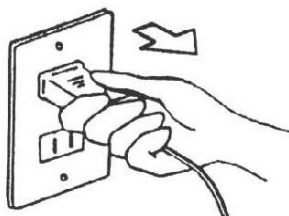
Caution



Pull out plug when not using or providing
against lighting, thunder.



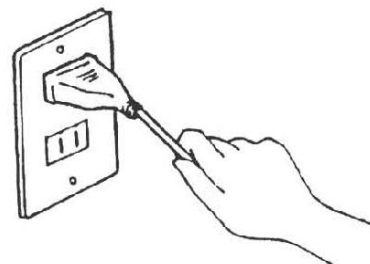
Caution



Grip the plug, not a power cord with hands
when you plug in or out.



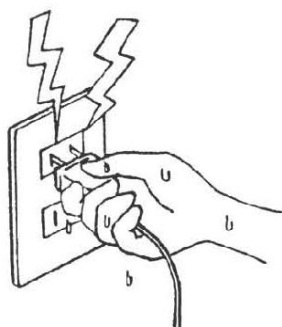
Prohibition



Do not plug in or out with wet hands.
(Electric shocks possible)



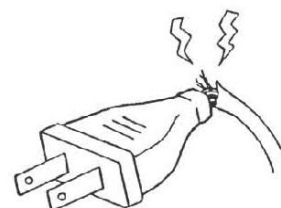
Warning



Do not bend or twist the power cord.
(Fire accidents & electric shocks possible)



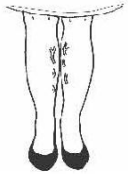
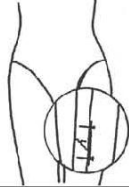







Warning





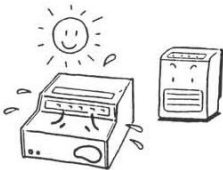

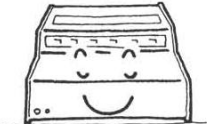


Safe for body

<p>Forbid children to use the device. Serious injuries can be occurred when the air blows into cuffs.</p> 	<p>Do not use air hose to nose, mouth or ears. (Any injuries possible)</p>
<p>Prohibit to use the device in case of artificial-heart etc.</p> 	<p>Prohibit to use the device in case of vein cancer, deep thrombophlebitis, phlebothrombosis patient. (Blood vessel can be stopped up)</p> 
<p>Prohibit to use the device to the patients of artificial-joint, metal-inserting etc.</p> 	<p>Stop using the device when you feel any abnormal symptom during using ,and consult to doctor.</p> 
<p>Prohibit to use the device to the patients of heart disease, pretension, acute inflamed skin disease, lung edema, acute vicious or malignant tumor, erysipelas, circulatory disorders in the artenes, fever etc.</p> 	<p>Do not use the device with any surgical operation, especially, internal organs, nerve, brain surgery.</p> 
<p>Do not use the device in a drunken state.</p> 	<p>Do not use the device in case of extreme fatigue.</p> 



How to use the device and keep it safely

<p>Use the device indoors of 0 °C~40°C. (If not, any defects or fire accidents possible)</p> 	<p>Do not use the device in high humidity place. (Bathroom and sauna etc.) (Fire accidents, electric shocks possible)</p> 
<p>Do not use or keep the device near to heating equipments or a direct ray of the sun. (Defects, fire accidents, or transformations possible)</p> 	<p>Forbid children to touch. Disorder can be happened due to children's touch.</p> 
<p>Keep the device horizontally. (If leaning, defects or malfunctions possible)</p> 	<p>Be careful for dust or abnormal substances into air hoses. (Malfunctions or wrong operations possible)</p>



Regarding cuff

Do not use these cuffs together with accessories, watch etc.
(Physical damages, cuff breakage possible)



Except testing the device, do not blow air into cuffs under the condition of not wearing cuffs on body.
(Damages, anti-endurance possible).



Do not keep cuffs near to heating materials such as stove, cigarettes etc.
(Air leaking or fire accidents possible)



Do not stain cuffs by oil, benzene, alcohol, gasoline etc.
(Anti-endurance possible)



Don't fold or bend the hose.



Don't stain cuff by oil, benzene, alcohol, gasoline etc.(Anti-endurance possible)



Do not use other tools, except our machines, to blow air into cuffs.



Do not use cuffs on undressed body.
Use the cuffs with wearing thin under wears.
(Cuff's endurance can be weakened due to sweat, cosmetics and sebum)



Cleaning and others

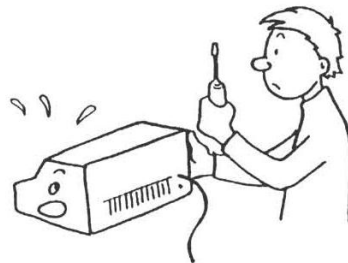
Do not use oil, benzene, alcohol, gasoline, chemicals when cleaning the device.
(Use dry towels.)



Do not use oil, benzene, alcohol, gasoline, chemicals when cleaning cuffs.
(Use wet dust cloths.)



Do not repair, reproduce or disjoint the device by yourself.
(Fire accidents, electric shocks possible)



Be careful to not put clips, staples, needles, metals or food into the device.
(Short circuits, heating generations possible)
* If happened, inform it to concerned agent.



1. Main body and Accessories

1) Main body



One cuff + Single hose



Two cuffs + Double cuffs



ON/OFF switch

2) Accessories

■ General cuff and hose set



TWO LEG CUFFS



ARM CUFF



WAIST CUFF



LEG EXTENSION ZIPPER
(OPTION)



ARM EXTENSION ZIPPER
(OPTION)



SINGLE HOSE



DOUBLE HOSE

■ One-touch cuff and host set



TWO LEG CUFFS



ARM CUFF



WAIST CUFF



LEG EXTENSION ZIPPER
(OPTION)



ARM EXTENSION ZIPPER
(OPTION)



DOUBLE HOSE



SINGLE HOSE

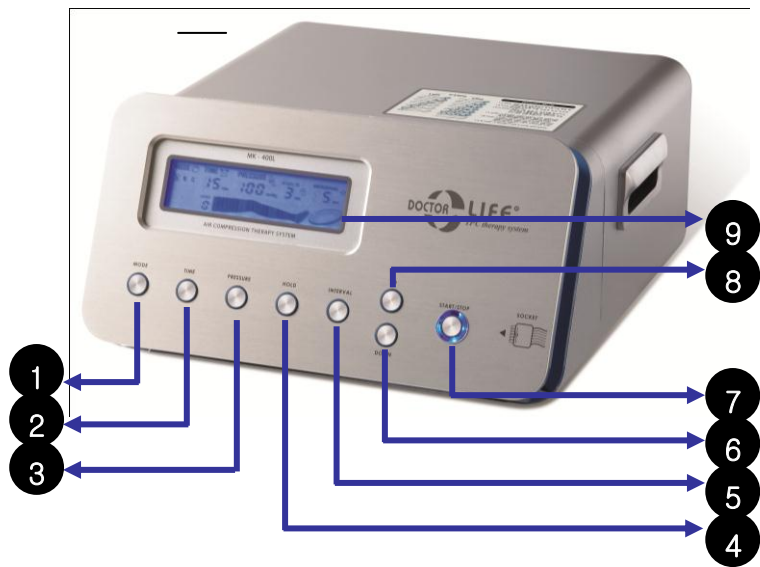


Safety Switch



AC cord

2. Name of the controllers



The name of each setting button

- 1) **MODE button** – It selects a suitable compression mode from A, B and C modes
- 2) **TIME button** – It sets the use time.
- 3) **PRESSURE button** – It sets the pressure value.
- 4) **HOLD button** – It sets the time holding the set pressure value of each chamber.
- 5) **INTERVAL button** – It sets the interval (resting) time before starting another compression cycle after finishing one sequential compression cycle from the first chamber to the sixth chambers.
- 6) **DOWN / SAVE button** - DOWN: It increases each setting values of the setting programs.
SAVE: A user can save the settings by pressing this button for 3 seconds and call the saved settings by turning off and on the ON/OFF switch of a machine.
- 7) **UP / INITIAL button** – UP: It increases each setting values of the programs.
INITIAL: a user call the factory recommended settings by pressing the INITIAL button for 3 seconds.
- 8) **START/STOP** - It sets to start or stop the program operation.
- 9) **LCD display** – It shows all setting condition on LCD window.
- 10) **Safety switch jack** - A safety switch can be connected to this safety switch jack.
- 11) **Air Socket** - The hose plug can be inserted to
- 12) **ON/OFF switch** – it turns power off and on or calls the settings saved finally before turning power on.
- 13) **POWER socket** – AC plug is inserted into the power socket for power supply.

3. Specification

VOLTAGE	AC220V 50/60Hz	MODE	A, B, C, D, E, F, G, H
ELECTRICITY	AC220V 0.2A	PRESSURE	0mmHg, 20 ~ 200mmHg
POWER CONSUMPTION	30 W	TIME RANGE	10~90 MIN.
DIMENSION	394*264*202	HOLD	0 ~ 6 seconds
WEIGHT	11.5Kg ±10% (MAIN BODY)	INTERVAL	1 ~ 20 seconds

4. MK850L features

◆ 4 pressurization modes

- It has a unique program selecting one suitable mode from 4 compression modes according to each patient's (user's) state.
- Please refer to the image of 4 compression modes.

◆ Air pressure sensor

- It controls the set pressure applied equally on each chamber regardless of a user's body size.

◆ HOLD time

- The set pressure is kept per each chamber for set hold time. .

◆ INTERVAL time control program

- It controls the breaking time after each sequential compression of whole chambers.

5. Use tips for a beginner

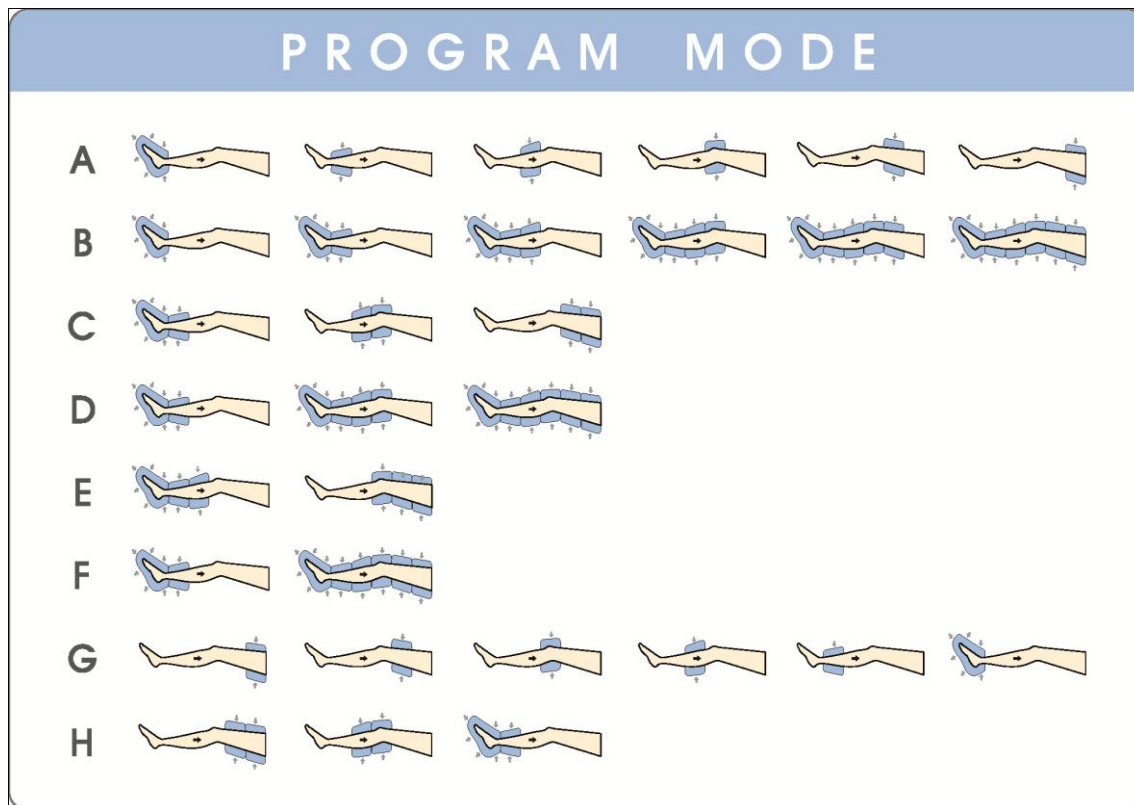
- In the case of a beginner of this application, don't set the pressure to a high value from the initial use because the high pressure can give a burden to the beginner's body according to a user's body state.

- Try to start from lowest pressure and then increase the pressure slowly according to a user's state under a doctor's indications.

- We recommend that a user applies the compression therapy with lying down in the condition that one's body is relaxed to increase the effects of the therapy.

6. How to use the programs

(1) How to set the mode (Factory set mode: A mode)



- (A) Press "MODE" button
- (B) Set the suitable mode by pressing "MODE" button.
- (C) If you want to save the selected MODE, press "SAVE" button for 3 seconds .

※ All setting values can' t be changed during the operation of a machine.

(2) How to set the use time

- Time range: 10 ~ 90 minutes (the setting unit: 5 minutes).
- The factory set time: 15 minutes

- (A) Press "TIME" button.
Time is changed by 5 minutes by "TIME" button or "UP & DOWN" button.
- (C) If you want to save the set time, press "SAVE" button for 3seconds.

※ All setting values can' t be changed during the operation of a machine.

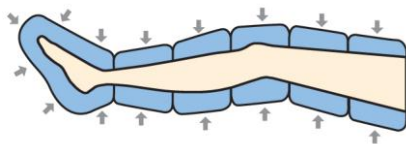
(3) How to set the pressure

- Pressure range: 20~180mmHg (The setting unit: 10mmHg)
- Factory set pressure value: 60mmHg

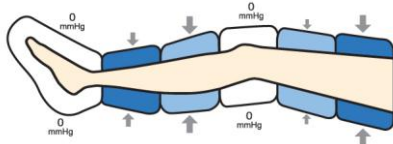
- (A) Press "PRESSURE" button
- (B) The pressure indicators are twinkled on LCD
- (C) Pressure value is changed by 10mmHg unit by "PRESSURE" button or UP & DOWN button.
- (D) If you want to save the set pressure, press "SAVE" button for 3seconds..

※ All setting values can't be changed during the operation of a machine.

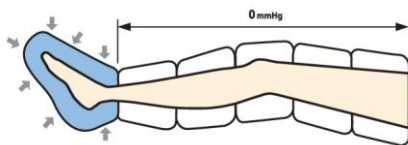
Whole pressure setting: [PRESSURE] button => UP or DOWN button



Individual pressure setting: [PRESSURE] buttonX2 => UP or DOWN button



Skip pressure setting: [PRESSURE] buttonX2 => UP or DOWN button



(4) How to set the HOLD time

- **HOLD time range: 0~6 seconds (The setting unit: 1 second)**
- **Factory set HOLD time is 3 seconds**

- (A) Press the "HOLD" button
- (B) The hold indicators are twinkled on LCD display.
- (C) The hold time is increase by 1second with the "HOLD" button or UP & DOWN button.
- (D) If you want to save the set HOLD time, press "SAVE" button for 3 seconds

※ All setting values can' t be changed during the operation of a machine.

(5) How to set the INTERVAL time

- **INTERVAL time range: 1 ~ 20 seconds (The setting unit: 1 second)**
- **Factory set INTERVAL time is 5 seconds**

- (A) Please press the "INTERVAL" button.
- (B) The "INTERVAL" are twinkled on LCD display.
- (C) The Interval time is controlled by 1second with the "INTERVAL" button or UP & DOWN button.
- (D) If you want to save the set INTERVAL time, press "SAVE" button for 3 seconds

※ All setting values can' t be changed during the operation of a machine.

7. How to use the cuffs

(1) One cuff use



General cuff and hose



One-touch cuff and hose



Leg cuff



Waist cuff

In general cuff use

- 1) Put 6 jacks of 1 single hose to 6 sockets of a cuff.
- 2) Wear a cuff to a patient.
- 3) Connect a hose plug to a socket of machine.

In one touch cuff use

- 1) Connect a plug of 1 single hose to a socket of a cuff.
- 2) Wear a cuff to a patient.
- 3) Connect a hose plug to a socket of machine.

(2) For two cuffs use



General cuff and hose



One-touch cuff and hose



**One arm cuff and
one leg cuff**



Two leg cuffs

In general cuff use

- 1) Put 12 jacks of 1 double hose to 6 sockets of a cuff.
- 2) Wear a cuff to a patient.
- 3) Connect a hose plug to a socket of machine.

In one touch cuff use

- 1) Connect 2 plug of 1 double hose to a socket of a cuff.
- 2) Wear a cuff to a patient.
- 3) Connect a hose plug to a socket of machine.

✗ Caution: In the case of two arm cuffs use, as arm cuff is applied near to a heart, please keep a protector near a patient or under a doctor's indications.

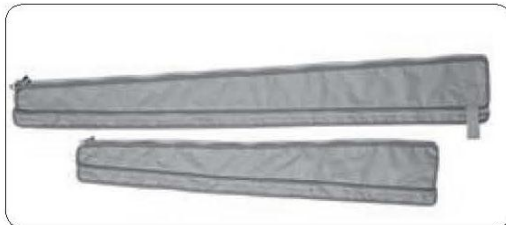
(3) For half pants use

- Please wear half pants.
- Put 12 hose jacks of a double hose to 12 cuff sockets on half pants by matching the colors.



(4) How to use extension zipper

- As a leg cuff or an arm cuff is too small, a user want to enlarge the cuff, please use extension zipper as above picture.
- To attach an extension zipper to a cuff, open fully the zipper of leg cuff and connect a leg extension zipper with zipper of a cuff and then close it with zippers.



8. Check points for something wrong

Operation condition	Checking point
No electric power	<ul style="list-style-type: none">- Plug correctly inserted into outlet?- AC220V?- Fuse short?
Power on but not-operating	Pull out power plug and reinsert it into outlet.
Noisy during operating	<ul style="list-style-type: none">-Horizontally installed?-Any material on the device?
No air in the hose	-Hose plug correctly inserted into the device?

It is good for especially below people

Acute edema (post-operative, post-burn)

Chronic edema by the venous cause

Chronic venous insufficiency venous stasis

Cellulite

Deep vein thrombosis (DVT)

From dependent, positioning

Inguinal Lymphangiectomy

Lymph edema

Post-paralytic (post-stroke, spinal cord injury)

Post-mastectomy

Post-traumatic (post-cast, fracture, amputation shoulder-hand syndrome)

Prophylaxis of venous thrombosis

Rheumatic edema

Sciatica

Spinal cord injury

Sprains

Varicosis

Venosclerosis



DISPOSAL

The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product.

This product meets high qualitative standards both as regards the material and the production.

The warranty is valid for 12 months from the date of supply of GIMA.

During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel travelling expenses and packaging not included. All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty.

The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.

GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc.

The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from.

Products sent to GIMA will be rejected.